



6. (Previously Presented) A mechanical seal according to claim 1 wherein the seal includes a magnetically insulating member located between said biasing means and said axially fixed seal face member.
7. (Previously Presented) A mechanical seal according to claim 1 wherein the biasing means comprises two or more magnets circumferentially separated by a spacing element.
8. (Canceled)
9. (Currently Amended) A mechanical seal according to claim 1 wherein said biasing means seal-comprises a magnet, one end of which attracts said first axially floating seal face member and the other end of which attracts said second axially floating seal face member.
10. (Canceled)
11. (Previously Presented) A mechanical seal according to claim 1 wherein said seal includes an outer housing which contains at least one magnet secured therein.
12. (Original) A mechanical seal according to claim 11 wherein the magnet is axially flush with a shoulder on the outer housing.
13. (Canceled)
14. (Canceled)
15. (Canceled)

16. (Currently Amended) A mechanical seal according to claim  
[[1]] 11 wherein said housing is provided with a radially  
extending hole connecting the outermost and innermost surfaces  
of the housing.

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Canceled)

32. (Canceled)



40. (New) The mechanical seal according to claim 39 wherein the at least one magnet is mounted radially outwards of the seal face members.
41. (New) The mechanical seal according to claim 39 wherein the at least one magnet includes two or more magnets circumferentially separated by a spacing element.